

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Michael HECKMEIER et al.  
 SERIAL NO: 09/465,006  
 FILING DATE: December 16, 1991  
 FOR: LIQUID-CRYSTAL MEDIUM, AND ELECTRO-OPTICAL DISPLAY CONTAINING THE LIQUID-CRYSTAL MEDIUM

Docket No. MERCK-2073

GAU: 1756  
 EXAMINER: C. Kelly

**AMENDMENT TRANSMITTAL**

ASSISTANT COMMISSIONER FOR PATENTS  
 WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☐ No additional fee is required.
- ☐ Applicant(s) is/are entitled to small entity status.
- ☐ Additional documents filed herewith:

The fee has been calculated below:

CLAIMS	CLAIMS REMAINING		HIGHEST NO. PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS	RATE		CALCULATIONS
TOTAL	24	MINUS	20	4	x	\$18 =	\$72.00
INDEPENDENT	1	MINUS	3	0	x	\$84 =	\$0.00
	<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS						
	TOTAL OF ABOVE CALCULATIONS						\$72.00
	<input type="checkbox"/>						
	<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY						\$0.00
	<input type="checkbox"/> RECORDATION OF ASSIGNMENT				+	\$40 =	\$0.00
	TOTAL						\$72.00

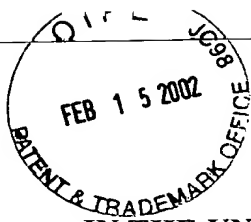
- ☒ A check in the amount of \$72.00 is attached.
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.36 for any necessary extension of time may be charged to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

*John A. Sopp*  
 John A. Sopp, Registration No. 33,103  
 Attorney for Applicants

MILLEN, WHITE, ZELANO  
 & BRANIGAN, P.C.  
 Arlington Courthouse Plaza I  
 2200 Clarendon Blvd. Suite 1400  
 Arlington, Virginia 22201  
 Telephone: (703) 243-6333  
 Facsimile: (703) 243-6410  
 Date: February 15, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#10 Amdt  
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In re Application of:

Michael HECKMEIER et al.

Examiner: C. Kelly

Serial No.: 09/465,006 *pd*

Group Art Unit: 1756

Filed: December 16, 1999

Title: LIQUID-CRYSTAL MEDIUM, AND ELECTRO-OPTICAL DISPLAY  
CONTAINING THE LIQUID-CRYSTAL MEDIUM

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

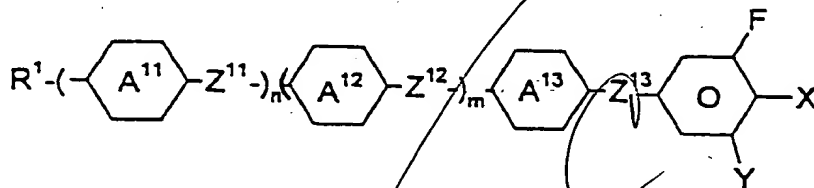
Sir:

In response to the office action dated August 15, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 11, 12 and 20 to read as follows (a marked up version of the amended claims is in an appendix attached hereto):

- SUB C1*
11. (Amended) A nematic liquid-crystal medium, comprising
- a) one or more dielectrically positive compound(s) of the formula I



in which

$R^1$  is alkyl or alkoxy having 1 to 7 carbon atoms, alkoxyalkyl, alkenyl or alkenyloxy

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